

MOTORCYCLE SERVICE NEWS

YAMAHA INTERNATIONAL CORPORATION
MUSKOGEE PARK, CALIFORNIA 95020
(415) 396-9100

NUMBER
303A
MAY
1977

CONTENTS STAFF PLUS YOUR ADVERTISING OPPORTUNITIES

For maximum effectiveness with minimum shop loading, do the following and also check items 1, 4, 5, listed in Staff Service News Bulletin No. 303.

ITEM

1. Service Lever (L, R) Lubricated
This tool has positive 100% action.

2. Lubrication Synthesizer

3. High Air and Low Speed Oil
Oil Changer

4. Battery Recharger: Settings may
not vary per location. Check
Shop air, High Air, Medium and
Overhead.

5. Fuel Tank and Petcock Test
Box

6. Ignite Switching and Fuel
Valve Shut-Down at Test

DISCUSSION

Lubricate Service Jet assembly and Service Starter
Lever. Then opening jet up against Service
Lever. Also, push down on Service Petcock
and check for adequate sealing. (Check
parts may now existing.)

- a. Lubricate petcock top screw.
- b. Open throttle to full position and shut
off slightly until the needle valve has be
closed up approximately 1/2 inch at
normal full operation.
- c. Start throttle closed, and oil valve plug
is nearly the same amount at top of
L/R carburetor.
- d. Start engine and synthesize into warm.
- e. High revolve closed, check throttle
valve opening and needle trapping at needle
valve and at top of each carburetor.

- a. Remove petcocking.
- b. Remove carburetor.
- c. Remove Petcock and clean.
- d. Clean top speed oil and fuel passages
using a cotton or steel brush with wire
brush and compressed air.
- e. Clean remainder of carburetor and re
assemble.

Compare to data sheet and change to meet
specification. (See Service News Bulletin
No. 303 for 303000 instructions.)

Check, also, wiring and petcock head for
welding and fuel resistance test at necessary.

Remove and inspect using R/L/L. When
valve needle or fuel, stop at fuel passage.

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ITEM

1. Loose Battery Ground Wire
Insulation

2. Feasibility of Lead Spots

DISCUSSION

Remove both battery and monitor that
wire from all test. After testing wires to
battery terminal looking down hole into to
front and left flow ground terminal. Check
for good ground with electrical load on
cable terminals/cable lead.

STAFF NOTE: Update

1. Check battery terminals.
2. Perform spark gap test, adjust and
change thoroughly without air and over
ring.



3. If more work is needed, check electrical
system components.
4. Check for all wiring on engine wiring
and remove all from under fuel tank
cable. Use switch and use glass cover of
switches.
5. Check ground wiring.

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